

Présentation

technique ApiDoc

Voici la documentation faite à l'aide d'un Bundle qui est `NelmioApiDocBundle`

1) A quoi sert NelmioApiDocBundle

NelmioApiDocBundle est l'interface graphique permettant de visualiser et d'interagir avec ses API.

Elle offre ainsi la possibilité de les tester facilement et de les rendre plus accessible pour le client.

2) Présentation de l'Apidoc

Pour accéder à NelmioApiDocBundle, il suffit de rajouter à la fin de l'url « `/api/doc` ».

Par exemple : <http://127.0.0.1:8000/api/doc>

Vous arriverez sur la page d'accueil avec tous les liens urls qui sont présents pour votre API.

The screenshot shows the Bilemo API documentation interface. At the top left is the 'Bilemo' logo with version '1.0.0' and 'OAS3' badges. Below it is the text 'Api Bilemo'. A 'Servers' section contains a dropdown menu with 'http://127.0.0.1:8000/ - API' selected. To the right is an 'Authorize' button with a lock icon. The main content area is divided into two sections: 'products' and 'users'. The 'products' section lists two endpoints: 'GET /api/products' (Find list of products) and 'GET /api/products/{id}' (Find product by ID). The 'users' section lists five endpoints: 'GET /api/users' (Find list of users), 'POST /api/users' (Add new user), 'GET /api/users/{id}' (Find user by ID), 'PUT /api/users/{id}' (Update user), and 'DELETE /api/users/{id}' (Delete user). Each endpoint row includes a colored method label, the URL, a description, and a dropdown menu with a lock icon.

Avant de tester les liens, veuillez-vous procurer un token.

Cliquez sur « Authorize » pour vous authentifier (ne pas oublier de mettre « Bearer » avant le token).

Nous allons voir chaque requête http :

- Méthode : « GET », Route : « /api/products » :

Cette requête sert à récupérer la liste des utilisateurs.

Requête Curl et url :

GET

/api/productsFind list of products

Returns a list of products

Parameters

No parameters

Try it out

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/api/products' \
-H 'accept: application/json' \
-H 'Authorization: bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1Ni79LjYpYXQioiE2NTMxMDkzM0MsImV4cCI6MTY1MzIyNjAAMywiZm9sZXNhOisiUk9MRV9lU0VSITI0sImVtYWlsIjoiaWoiXCJAxQGhvdGIhaHkuZnRifQ.WFOqaKz9VOggbk4'
```

Request URL

```
http://127.0.0.1:8000/api/products
```

Server response

Reponse header et body :

Code

Details

200

Response body

```
{
  "_links": {
    "self": {
      "href": "http://127.0.0.1:8000/api/products/1"
    }
  },
  {
    "id": 2,
    "brand": "Samsung",
    "model": "Galaxy S12",
    "price": 1079.9,
    "color": "Black",
    "description": "Lorem ipsum dolor sit amet consectetur adipisicing elit. Explicabo eveniet quo repellendus, deserunt iste facilis rem saepe quaerat natus perferendis obcae  
cativeniam soluta quisquam, est pariatur recusandae. Dolorem, laudantium dignissimos.",
    "memory_storage": "128GB",
    "_links": {
      "self": {
        "href": "http://127.0.0.1:8000/api/products/2"
      }
    }
  },
  {
    "id": 3,
    "brand": "Samsung",
    "model": "Galaxy S12",
    "price": 1199.9,
    "color": "White",
    "description": "Lorem ipsum dolor sit amet consectetur adipisicing elit. Explicabo eveniet quo repellendus, deserunt iste facilis rem saepe quaerat natus perferendis obcae"
  }
}
```

Response headers

```
cache-control: private
content-type: application/json
date: Sat, 21 May 2022 14:13:00 GMT
transfer-encoding: chunked
x-powered-by: PHP/8.1.0
x-robots-tag: noindex
x-symfony-cache: GET /api/products: miss
```

Download

Le retour de code statut possible :

Code	Description	Links
200	successful operation	No links
<div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div><pre>[{ "id": 0, "brand": "string", "model": "string", "price": "Unknown Type: float", "color": "string", "description": "string", "memory_storage": "string", "_links": { "_self": { "href": "string" } } }]</pre></div>		
401	Token invalid	No links
404	Product not found	No links

- Méthode : « GET », route : « /api/products/{id} » :

Cette requête sert à récupérer un produit grâce à l’id.

Requêtes Curl et url :

GET

/api/products/{id} Find product by ID

^

🔒

Returns product

Parameters

Cancel

Name	Description
<div>id * required</div> <div>integer(\$int64)</div> <div>(path)</div>	ID of product to return
<div>1</div>	

Execute

Clear

Réponse headers et body :

Code	Details
200	<div><div>Response body</div><div><pre>{ "id": 1, "brand": "Samsung", "model": "Galaxy S12", "price": 1179.9, "color": "Black", "description": "Lorem ipsum dolor sit amet consectetur adipisicing elit. Explicabo eveniet quo repellendus, deserunt iste facilis rem saepe quaerat natus perferendis obcaecati veniam soluta quisquam, est pariatur recusandae. Dolorem, laudantium dignissimos.", "memory_storage": "256GB", "_links": { "_self": { "href": "http://127.0.0.1:8000/api/products/1" } } }</pre></div><div><div>Download</div></div></div> <div><div>Response headers</div><div><pre>cache-control: private content-length: 514 content-type: application/json date: Sat, 21 May 2022 15:21:37 GMT x-powered-by: PHP/8.1.0 x-robots-tag: noindex x-symfony-cache: GET /api/products/1: miss</pre></div></div>

Le retour de code statut possible :

Code	Description	Links
200	<div>successful operation</div> <div><div>Media type</div><div>application/json</div><div>Controls Accept header.</div><div>Example Value Schema</div><div><pre>[{ "id": 0, "brand": "string", "model": "string", "price": "Unknown type: float", "color": "string", "description": "string", "memory_storage": "string", "_links": { "_self": { "href": "string" } } }]</pre></div></div>	No links
401	Token invalid	No links
404	Product not found	No links

- Méthode : « GET », route : « /api/users » :

Cette requête sert à récupérer la liste des articles.

Requêtes Curl et url:

GET

/api/users Collection of users

Parameters

No parameters

ExecuteClear

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/api/users' \
-H 'accept: application/json' \
-H 'Authorization: Bearer eyJ0eXaiOiJKV1QiLCJhbGciOiJSUzI1NiJ9.eyJpYXQiOiJlZ2N0bWZkZ200MmV4cCI6MTY1MzIyNjA4Mywic9sZXMiOiJlUk9MRV9VU0V5I10sImVtYWIzIjoIdXNlcjAxQghvdG1haWwZnIifQ.WFOQaKz9Y0gggbK4
```

Request URL

```
http://127.0.0.1:8000/api/users
```

Server response

Réponse headers et body :

Code

Details

200

Response body

```
{
  "page": 1,
  "limit": 5,
  "pages": 5,
  "_links": {
    "self": {
      "href": "/api/users?page=1&limit=5"
    },
    "first": {
      "href": "/api/users?page=1&limit=5"
    },
    "last": {
      "href": "/api/users?page=5&limit=5"
    },
    "next": {
      "href": "/api/users?page=2&limit=5"
    }
  },
  "_embedded": {
    "items": [
      {
        "id": 1,
        "lastname": "Jacquet",
        "firstname": "Dominique",
        "email": "eugene86@sfr.fr",
        "_links": {
          "self": {
            "href": "http://127.0.0.1:8000/api/users/1"
          }
        }
      }
    ]
  }
}
```

Download

Response headers

```
cache-control: private
content-type: application/json
date: Sat, 21 May 2022 15:23:37 GMT
transfer-encoding: chunked
x-powered-by: PHP/8.1.0
x-robots-tag: noindex
x-symfony-cache: GET /api/users: miss
```

Le retour de code statut possible :

Code	Description	Links
200	successful operation	No links
	<div>Media type application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div><pre>[{ "id": 0, "lastname": "string", "firstname": "string", "email": "string", "_links": { "self": { "href": "string" }, "modify": { "href": "string" }, "delete": { "href": "string" } }, "_embedded": { "customer": {} } }]</pre></div>	
401	Token invalid	No links
404	Product not found	No links

- Méthode : « GET », route : « /api/users/{id} » :

Cette requête http sert à récupérer un utilisateur grâce à l’id.

Requêtes Curl et url :

GET

/api/users/{id} Find user by ID

Parameters

Cancel

Name	Description
id * required	
string	2
(path)	

ExecuteClear

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/api/users/2' \
-H 'accept: application/json' \
-H 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9.eyJpYXQiOiJlY2NTMzZk200MsImV4cCI6MTY1MzIyNjA4MywiYm9sZXMiOiJ1Uk9MRV9VU0VSISI0sImVtYWlsIjoiaXN1c-jAxcQGhvdG1haWwZnIifQ.Wf0QaKz9Y0gggbK4'
```

Request URL

```
http://127.0.0.1:8000/api/users/2
```

Réponse headers et body :

Code	Details
200	<div><div>Response body</div><div><pre>{ "id": 2, "lastname": "Henry", "firstname": "Philippe", "email": "margot.vidal@noos.fr", "_links": { "self": { "href": "http://127.0.0.1:8000/api/users/2" }, "modify": { "href": "http://127.0.0.1:8000/api/users/2" }, "delete": { "href": "http://127.0.0.1:8000/api/users/2" } }, "_embedded": { "customer": { "id": 2, "name": "Martin", "email": "gabrielle.perrot@breton.com" } } }</pre></div><div><div>Download</div></div></div> <div><div>Response headers</div><div><pre>cache-control: private content-length: 547 content-type: application/json date: Sat, 21 May 2022 15:27:32 GMT x-powered-by: PHP/8.1.0 x-robots-tag: noindex x-symfony-cache: GET /api/users/2: miss</pre></div></div>

Le retour de code statut possible :

Code	Description
200	<div><div>successful operation</div><div><div>Media type</div><div>application/json</div><div>Controls Accept header.</div><div>Example Value Schema</div><div><pre>[{ "id": 0, "lastname": "string", "firstname": "string", "email": "string", "_links": { "self": { "href": "string" }, "modify": { "href": "string" }, "delete": { "href": "string" } }, "_embedded": { "customer": {} } }]</pre></div></div></div>
401	Token invalid
404	Product not found

- Méthode : « POST », route : « /api/users » :

Cette requête sert à créer un nouvel utilisateur

Requête body :

Request body required

application/json

```
{
  "lastname": "lastname",
  "firstname": "firstname",
  "email": "email@hotmail.fr"
}
```

Execute

Requête Curl et url :

```
Curl  
  
curl -X 'POST' \  
  'http://127.0.0.1:8000/api/users' \  
  -H 'accept: application/json' \  
  -H 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9.eyJpYXQiOjE2NTMxMzk2ODMsImV4cCI6MTY1MzIyNjA4Mywicm9sZXMiOiIsImVtYWlsIjoidXNlcnAxQChvdG1hakwuZnlfQ.Wf0QakZ9Y0ggqbK4' \  
  -H 'Content-Type: application/json' \  
  -d '{  
    "lastname": "lastname",  
    "firstname": "firstname",  
    "email": "email@hotmail.fr"  
  }'  
  
Request URL  
  
http://127.0.0.1:8000/api/users  
  
Server response
```

Réponse headers et body :


Code

Details

201

Response body

```
{
  "id": 24,
  "lastname": "lastname",
  "firstname": "firstname",
  "email": "email@hotmail.fr",
  "_links": {
    "self": {
      "href": "http://127.0.0.1:8000/api/users/24"
    },
    "modify": {
      "href": "http://127.0.0.1:8000/api/users/24"
    },
    "delete": {
      "href": "http://127.0.0.1:8000/api/users/24"
    }
  },
  "_embedded": {
    "customer": {
      "id": 1,
      "name": "user01",
      "email": "user01@hotmail.fr"
    }
  }
}
```

 Download

Response headers

```
cache-control: private
content-length: 541
content-type: application/json
date: Sat, 21 May 2022 16:10:30 GMT
location: /api/users/24
x-powered-by: PHP/8.1.0
x-robots-tag: noindex
x-symfony-cache: POST /api/users: pass, invalidate
```

Le retour de code statut possible :

Code	Description
201	<p>successful addition</p> <p>Media type</p> <p>application/json ▾</p> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>[{ "id": 0, "lastname": "string", "firstname": "string", "email": "string", "_links": { "_self": { "href": "string" }, "modify": { "href": "string" }, "delete": { "href": "string" } }, "_embedded": { "customer": {} } }]</pre>
401	Token invalid
404	Product not found
500	Malformed JSON

- Méthode : « PUT », route : « /api/users/{id} » :

Cette requête sert à modifier un utilisateur

Requête body :

PUT /api/users/{id} Update an existing user

Parameters

Cancel

Reset

Name	Description
id <small>* required</small> string <small>(path)</small>	<input type="text" value="24"/>

Request body required

application/json ▾

```
{
  "lastname": "hahaha",
  "firstname": "firstname",
  "email": "email@hotmail.fr"
}
```

Requête Curl et url :

Curl

```
curl -X 'PUT' \
'http://127.0.0.1:8000/api/users/24' \
-H 'accept: application/json' \
-H 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpYXZlOiJlbnRvbmZkZWQwImV4CI6MTY1MzIyNjA4Mywic29sZXkiOiSiUk9MRVRVU0VSIl0SIHVtYWlsIjoiaWoiLmVtYWI0cXAxQGhvdG1haWwuZnIiFiQ.WfOQaKz9V0gggBK4' \
-H 'Content-Type: application/json' \
-d '{
  "lastname": "hahaha",
  "firstname": "firstname",
  "email": "email@hotmail.fr"
}'
```

Request URL

```
http://127.0.0.1:8000/api/users/24
```

Server response

Réponse headers et body :

Code

Details

201

Response body

```
{
  "id": 24,
  "lastname": "lastname",
  "firstname": "firstname",
  "email": "email@hotmail.fr",
  "_links": {
    "self": {
      "href": "http://127.0.0.1:8000/api/users/24"
    },
    "modify": {
      "href": "http://127.0.0.1:8000/api/users/24"
    },
    "delete": {
      "href": "http://127.0.0.1:8000/api/users/24"
    }
  },
  "_embedded": {
    "customer": {
      "id": 1,
      "name": "user01",
      "email": "user01@hotmail.fr"
    }
  }
}
```

Response headers

```
cache-control: private
content-length: 541
content-type: application/json
date: Sat, 21 May 2022 16:10:30 GMT
location: /api/users/24
x-powered-by: PHP/8.1.0
x-robots-tag: noindex
x-symfony-cache: POST /api/users: pass, invalidate
```

Le retour de code statut possible :

Code	Description
200	successful addition
	<div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div><pre>[{ "id": 0, "lastname": "string", "firstname": "string", "email": "string", "_links": { "self": { "href": "string" }, "modify": { "href": "string" }, "delete": { "href": "string" } }, "_embedded": { "customer": {} } }]</pre></div>
400	Customer invalid
401	Token invalid
404	Product not found
500	Malformed JSON

- Méthode : « POST », route : « /api/users » :

Cette requête sert à créer un nouvel utilisateur

Requête body :

Request body required

application/json

```
{
  "lastname": "lastname",
  "firstname": "firstname",
  "email": "email@hotmail.fr"
}
```

Execute

Réponse requête url :

Curl

```
curl -X 'POST' \
  'http://127.0.0.1:8000/api/users' \
  -H 'accept: application/json' \
  -H 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9.eyJpYXQiOiJlNTMwMzk2ODMsImV4cCI6MTY1MzIyNjA4MywiYm9sZXMiOiJ1Uk9MRV9VU0VSII0sImVtYWlsIjoiaXN1c24xQz9Y0ggqbK4' \
  -H 'Content-Type: application/json' \
  -d '{
    "lastname": "lastname",
    "firstname": "firstname",
    "email": "email@hotmail.fr"
  }'
```

Request URL

```
http://127.0.0.1:8000/api/users
```

Server response

Réponse headers et body :

CodeDetails

201

Response body

```
{
  "id": 24,
  "lastname": "lastname",
  "firstname": "firstname",
  "email": "email@hotmail.fr",
  "_links": {
    "self": {
      "href": "http://127.0.0.1:8000/api/users/24"
    },
    "modify": {
      "href": "http://127.0.0.1:8000/api/users/24"
    },
    "delete": {
      "href": "http://127.0.0.1:8000/api/users/24"
    }
  },
  "_embedded": {
    "customer": {
      "id": 1,
      "name": "user01",
      "email": "user01@hotmail.fr"
    }
  }
}
```

Response headers

```
cache-control: private
content-length: 541
content-type: application/json
date: Sat, 21 May 2022 16:10:30 GMT
location: /api/users/24
x-powered-by: PHP/8.1.0
x-robots-tag: noindex
x-symfony-cache: POST /api/users: pass, invalidate
```

Le retour de code statut possible :

Code	Description
201	successful addition
	<div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div><pre>[{ "id": 0, "lastname": "string", "firstname": "string", "email": "string", "_links": { "_self": { "href": "string" }, "modify": { "href": "string" }, "delete": { "href": "string" } }, "_embedded": { "customer": {} } }]</pre></div>
401	Token invalid
404	Product not found
500	Malformed JSON

- Méthode : « DELETE », route : « /api/users/{id} » :

Cette requête sert à supprimer un utilisateur

Requête Curl et url :

Curl

```
curl -X 'DELETE' \
'http://127.0.0.1:8000/api/users/24' \
-H 'accept: application/json' \
-H 'Authorization: Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9.eyJpYXQiOiJlbnRpdzI0ODMsImV4cCI6MTY1MzIyNjA4Mywicm9sZXMiOiJ1Uk9MRV9VU0VSIl0sImVtYWlsIjoiaXN1c24xQShvdG1haWwZnIiLCJ1f0QaKz9Y0ggqbK4'
```

Request URL

```
http://127.0.0.1:8000/api/users/24
```

Server response

Le retour de code statut possible :

Code	Description
204	<div>Delete successful</div> <div>Media type</div> <div><div>application/json</div></div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div><pre>[{ "id": 0, "lastname": "string", "firstname": "string", "email": "string", "_links": { "self": { "href": "string" }, "modify": { "href": "string" }, "delete": { "href": "string" } }, "_embedded": { "customer": {} } }]</pre></div>
401	Token invalid
404	Product not found